Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027518.D
Acq On : 17 Jun 2017 22:28
Operator : SJ/MA
Sample : I3599-11 20X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B25

Manual Integrations APPROVED
mohammad
6/19/2017 9:13:52 AM

Quant Time: Jun 19 03:34:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 19 01:52:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	48346	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	248711	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	156439	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	331970	20.00	ng/ul	0.00
75) Chrysene-d12	22.24	240	378420	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	351228	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.66	99	3628	0.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	2617	0.73	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	2735	0.79	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	3175	0.77	ng/ul	0.00
19) Nitrobenzene-d5	9.69	128	2862	1.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	1409	0.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	2869	0.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.50	131	14999m	3.27	ng/ul	0.04
43) Dimethylphthalate-d6	14.49	166	13578	1.04	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	13905	0.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	3176	1.24	ng/ul	0.01
57) Fluorene-d10	16.09	176	12610	1.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.21	200	846	0.41	ng/ul	0.01
70) Anthracene-d10	17.97	188	16590	1.07	ng/ul	0.01
76) Pyrene-d10	20.23	212	19264	1.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	15382	0.97	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.42	128	7134689	558.216	ng/ul#	67
34) 2-Methylnaphthalene	12.97	142	2388827	252.038	ng/ul	93
40) 1,1'-Biphenyl	13.94	154	682599	55.155	ng/ul#	95
47) Acenaphthylene	14.83	152	133640	8.839	ng/ul#	93
49) Acenaphthene	15.18	153	1962023	186.072	ng/ul	97
53) Dibenzofuran	15.50	168	2169440	141.162	ng/ul	95
58) Fluorene	16.16	166	2200204	172.515	ng/ul	99
69) Phenanthrene	17.93	178	5936066m	332.746	ng/ul	
71) Anthracene	18.00	178	1566284	86.345	ng/ul	97
72) Carbazole	18.26	167	766265	49.116	ng/ul	97
74) Fluoranthene	19.91	202	4175356	208.019	ng/ul#	66
77) Pyrene	20.26	202	3293262	147.227	ng/ul#	72
80) Benzo(a)anthracene	22.21	228	1243137	58.991	ng/ul	96
82) Chrysene	22.29	228	909571	47.791	ng/ul	97
85) Benzo(b)fluoranthene	24.72	252	602027	28.780	ng/ul#	96
86) Benzo(k)fluoranthene	24.79	252	268037m	13.331	ng/ul	
88) Benzo(a)pyrene	25.71	252	390146	19.425	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	30.08	276	122990	5.364	ng/ul#	88
90) Dibenzo(a,h)anthracene	30.14	278	36826	1.871	ng/ul#	80
91) Benzo(g,h,i)perylene	31.39	276	74038	3.944	ng/ul#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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